



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:
Windsor et al.

Serial No.: 10/047,251

Filed: January 14, 2002

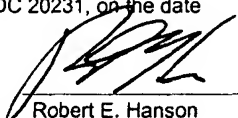
For: GENETIC AND EPIGENETIC MANIPULATION
OF ABC TRANSPORTERS AND ECTO-
PHOSPHATASES FOR THE CONFERENCE
OF DRUG RESISTANCE AND FOR THE
LOSS OF DRUG RESISTANCE IN
BIOLOGICAL SYSTEMS AND METHODS
FOR THE DETECTION OF ECTO-
PHOSPHATASE INHIBITORS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: TEXG:003USD1/REH

COPY OF PAPERS
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CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date below:	
March 5, 2002	
Date	Robert E. Hanson

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Fulbright & Jaworski Deposit Account No.: 50-1212/10110234/REH.

This application is a divisional application of Serial No. 09/261,825, filed March 3, 1999, and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) copies of the listed documents are not enclosed as they have been previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/261,825.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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Attorney for Applicants

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Date: March 5, 2002

Form PTO-1449 (modified)

Atty. Docket No.

TEXG:003USD1/REH

Serial No.

10/047,251

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant

J. Brian Windsor et al.

Filing Date:

January 14, 2002

Group:

Unknown

U.S. Patent Documents

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Foreign Patent Documents

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Other Art

See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	DD 236944-A	June, 1986	DD			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Abraham <i>et al.</i> , Proceedings of American Association of Cancer Research (abstract) #2575
	C2	Abraham <i>et al.</i> , <i>Proc. Natl. Acad. Sci.</i> , 90:312-316, 1993.
	C3	Abraham <i>et al.</i> , <i>Science</i> , 275:1324-1326, 1997.
	C4	Al-Awqati, <i>Science</i> , 269:805-806, 1995.
	C5	Boyum and Guidotti, <i>Biochem. And Biophys. Res. Comm.</i> , 230:22-26, 1997.
	C6	Chen <i>et al.</i> , "Inhibition of ecto-ATPase by PPADS, suramin and reactive blue in endothelial cells, C6 glioma cells and RAW 264.7 macrophages," <i>Br. J. Pharmacol.</i> , 119:1628-1634, 1996.
	C7	ChandraRajan <i>et al.</i> , "Determination of inorganic phosphorus in the presence of organic phosphorus and high concentrations of proteins," <i>Anal. Biochem.</i> , 72:407-412, 1976.
	C8	Gleeson <i>et al.</i> , "Ecto-ATPase/phosphatase activity in the olfactory sesnsilla of the spiny lobster, <i>Panulius argus</i> : Localization and characterization," <i>Cell Tiss. Res.</i> , 269:439-445, 1992.
	C9	Huang <i>et al.</i> , <i>Biochem. Biophys. Res. Commun.</i> , 182:836-843, 1992.
	C10	Kearney <i>et al.</i> , <i>Org. Chem.</i> , 63:196-200, 1998.
	C11	Pearson J. D., "Ectonucleotidases, measurement of activities and use of inhibitors," <i>Methods in Pharmacology</i> , Ed. David M. Paton, Plenum Press, Vol. 6, pp. 83-107, 1985.
	C12	Medina <i>et al.</i> , <i>Biorg. Med. Chem. Lett.</i> , 8:2653-2656, 1998.

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EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)

Atty. Docket No.

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Serial No.

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See Page 1

Other Art

See Page 1

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C13	Meghji <i>et al.</i> , "Inhibition of extracellular ATP degradation in endothelial cells," <i>Life Sci.</i> , 57:763-771, 1995.
	C14	Pietkiewicz <i>et al.</i> , <i>Proc. Amer. Assoc. Canc. Res.</i> , 39:1166.
	C15	Schweibert, <i>Cell</i> , 81:1063-1073, 1995.
	C16	Still <i>et al.</i> , "The inactivation by concanavalin A of the Ecto-ATPase and Ectoacetylcholinesterase of intact skeletal muscles," <i>Biochem. Cell Biol.</i> , 64:1272-80, 1986.
	C17	Tikhaya <i>et al.</i> , "Ecto-ATPase (nucleotidase) in vitro activity in sterile isolated roots," <i>Fiziologiya Rastenii</i> , Moscow (in Russian), Vol. 42, pp. 821-827, 1995.
	C18	Thomas <i>et al.</i> , <i>Amer. Soc. Plnt. Physiologists</i> (abstract) #649, 1998.
	C19	Ujhazy <i>et al.</i> , <i>Int. Cancer</i> , 59:83-93, 1994.
	C20	Ujhazy <i>et al.</i> , <i>Int. J. Cancer</i> , 68:493-500, 1996.
	C21	Valenzuela <i>et al.</i> , "Comparative subcellar distribution of apyrase from animal and plant sources. Characterization of microsomal apyrase," <i>Comp. Biochem. Physiol., B:Comp. Biochem.</i> , 93B:911-919, <i>Chem. Absrt.</i> , 111:210870, 1989.
	C22	Viola <i>et al.</i> , "Identification of an enzyme in protein extracts of potato (<i>Solanum Tuberosum</i> L.) tubers which interfere with the assay of fructokinase and other enzymes requiring phosphorylated nucleosides," <i>Plant Sci.</i> , 132:127-137, 1998.
	C23	Wadkins and Roepe, <i>International Review of Cytology</i> , 171:121-165, 1997.
	C24	Weiner <i>et al.</i> , <i>J. Biol. Chem.</i> , 261:4529-4534, 1986.

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)